

## **Abstract**

### **Safety device for lifting a bonnet of a motor vehicle in the event of a collision**

The present invention relates to a safety device for lifting a bonnet (1) of a motor vehicle in the event of a collision, this device being situated under the said bonnet (1) and comprising a mechanism (2) for lifting the said bonnet (1) and a gas generator (31), the said bonnet (1) comprising a structure allowing it, in normal operation, to be opened or closed about an axis (10) known as the rotation axis. This device is characterized in that it comprises an actuator (3) comprising mechanical means actuated using the said gas generator (31) and able to deploy the said lifting mechanism (2).

**FIGURE 4**